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DK-US030323

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

Hirumune MATSUOKA

Serial No.: 10/523,780

Filed: February 8, 2005

For: AIR CONDITIONER

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**INFORMATION DISCLOSURE STATEMENT**

Assistant Commissioner of Patents  
Washington, DC 20231

Sir:

In accordance with MPEP 609 and 37 C.F.R. §§ 1.56, 1.97 and 1.98, Applicant brings the attached references listed on the attached PTO-1449-Form to the Examiner's attention and requests that they be considered and made of record in this application. Also, a copy of Supplementary European Search Report of the corresponding European Application No. 04745455.8 is attached hereto. *No fee is believed to be due for this Information Disclosure Statement.* However, the Commissioner is authorized to charge the fee set forth in 37 CFR § 1.17(p) to Deposit Account No. 50-1836. A duplicate copy of this Statement is enclosed for that purpose.

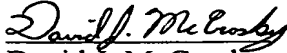
Since this application was filed after June 30, 2003, the U.S. Patent and Trademark Office waives the requirement under 37 C.F.R. 1.98 (a) (2) (i) for submitting a copy of each cited U.S. Patent and each U.S. patent application publication.

International Patent Publication No. WO 02-23100 appears to disclose a multiple refrigerating device.

Japanese Document No. XP002903784 appears to disclose typical properties of refrigerants.

Prompt examination on the merits is respectfully requested.

Respectfully submitted,

  
David J. McCrosky  
Reg. No. 56,232

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Dated: July 11, 2006  
G:\07-JUL06-YTY\SN-05030323 (with EP Search Report).doc

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Substitute for form 1449A/B TO

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

*(use as many sheets as necessary)*

Sheet	1	of	2
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**Complete if Known**

Application Number	10/523,780
Filing Date	February 8, 2005
First Named Inventor	Hiromune MATSUOKA
Group Art Unit	3744
Examiner Name	
Attorney Docket Number	DK-US030323

## U.S. PATENT DOCUMENTS

[illegible]

## FOREIGN PATENT DOCUMENTS

[illegible]Examiner  
Signature

Date Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04.

<sup>3</sup> Applicant's unique citation designation number (optional). See KINUS Codes of Classification of Patent Documents at [www.kinus.gov.sg](http://www.kinus.gov.sg).  
<sup>4</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).  
<sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible.  
<sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 2 of 2

**Complete if Known**

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Filing Date	February 8, 2005
First Named Inventor	Hiromune MATSUOKA
Group Art Unit	3744
Examiner Name	
Attorney Docket Number	DK-US030323

**OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS**

Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		XP-008045189; Yajima et al.; THE PERFORMANCE EVALUATION OF HFC ALTERNATIVE REFRIGERANTS FOR HCFC-22; September 21, 1994	N/A
		XP-002903784; JOKYU HYOJUN TEXT REITO KUCHO GIJUTSU REITOHEN July 31, 2000	No

Examiner  
SignatureDate  
Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

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